Energy loss due to high Frequency Operation in Eastern grid

*272. SHRI JOBON ROY:
SHRIMATI CHANDRA KALA PANDEY:

Will the PRIME MINISTER be pleased to state:

(a) the energy loss in the Eastern Grid during October to December, 1996, due to high frequency operation;

(b) the number of turbines damaged and loss suffered due to high frequency operation; and

(c) how many times NTPC was instructed by ERERERLDC not to over generate and the number of times NTPC violated the instructions?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (DR. S. VENUGOPALACHARI):(a) and (b) The Eastern Region has surplus power during off-peak hours. Due to the reluctance on the part of the constituents to back-down generation during off-peak hours, there is a problem of high frequency. The energy loss due to high frequency above 51 Hz. during the period October, 1996 to December, 1996 was 110 MU. The high frequency had also damaged a few turbines. The details are as under:

State/ System	Station	Unit No.	Capacity (MW)	Damage
DVC	Bokaro	2	210	Turbine blade failure
WBPDCL	Kolaghat	5	210	Turbine blade failure
CESC	South Gen. Stations	1	67.5	Turbine blade failure
DVC	Durgapur	4	210	Regulatory stage liner damaged.
WBPDCL	Kolaghat	3	210	Cracks in lacing wire in Low pressure & Intermediate pressure turbine.

GRIDCO has also reported turbine failure in power stations of National Aluminium Co. and Indian Chrome Charge Ltd.

(c) EREB had been sending messages from time to time to the constituents including NTPC to back-down their generation during the off-peak hours as per schedule. However, the backing down of generation was not upto the desired level.

Lack of storage facilities and Food Processing Techniques

*273. SHRI V. P. DURAISAMY: Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:

(a) whether Govemment are aware that farmers do not get enough return for their agricultural produce due to lack of storage facilities and food processing techniques;